### \*\*\* File Copy Only: Do Not Submit Paper Form to EPA \*\*\*

Form Status: Certified and Sent to USEPA Validation Status: Passed with Possible Errors

MECOTANT: Type or print: road instructions before completing t	form)		Form Approved O		-0075	Dage 1 of 5			
(IMPORTANT: Type or print; read instructions before completing t	(OI III)		Approval Expires:	TRI Facility ID N	lumber	Page 1 of 5			
EPA FORM	R								
United States Section 313 of the Emergency Planning and	Act -	98134LSKNC32006							
Environmental of 1986, Protection also known as Title III of the Superfund Ar			Toxic C	hemical, Category	or Generic Name				
Agency Act.	menuments and readinorization		omium Compo	unds (except for Transvaal R		mined in the			
	I Data Processing Center P.O. Box 10163			2 A DDD ()		OPPIOD			
WHERE TO SEND COMPLETED FORMS:		2. APPROPRIATE STATE OFFICE (See instructions in Appendix F)							
*** File Copy Only: E	Do Not Submit Paper Form	to EPA ***							
This section only applies if you are revising or	two code(s))		Withdrawal (e	nter up to two c	ode(s))				
withdrawing a previously submitted form, otherwise leave blank:	[][]				ווו				
Important: See Instructions to determine when "Not Applicable (N.		d			L 1L 1				
	I. FACILITY IDENTIFICA		MATION						
SECTION 1. REPORTING YEAR : 2007						<del> </del>			
SECTION 2. TRADE SECRET INFORMATION									
2.1. A manus plaining the toyle chemical identified on page 2.	2 In this name								
trade secret?	.2 Is this copy [ ] Sanitized [ ] Unsanitized								
[] Yes (Answer question 2.2; Attach substantiation forms)	ES"								
[X] NO (Do not answer 2.2; Go to Section 3)	(Answer only if "YE in 2.1)	-5							
CECTYON 2 CURRENCE TION (I	- latin a 11 Company and and 2	<u>L</u>							
SECTION 3. CERTIFICATION (Important: Read and sign after confused in the second state of the second			f. the submitted in	formation is true ar	nd complete and t	hat the amounts			
and values in this report are accurate based on reasonable estimates	s using data available to the	preparers of th	nis report.						
Name and official title of owner/operator or senior management o			Only: Do Not Submit Paper Form to EPA XX/XXXXX						
File Copy Only: Do Not Submit Paper Form to EPA	File Co	opy Only: De	o Not Submit P	aper Form to E.	PA JX2	X/XX/XXXX			
SECTION 4. FACILITY IDENTIFICATION									
4.1			/ ID Number	<u> </u>	34LSKNC320				
Facility or Establishment Name ALASKAN COPPER WORKS		Facility or		or Mailing Address( AN COPPER W		eet address)			
fl Ctunat									
Street 3200 6TH AVE S				Mailing Address PO BOX 3546					
3200 6TH AVE S  City/County/State/Zip Code			City/State/Zip	PO BOX 3546 Code	Cor	intry (Non-US)			
3200 6TH AVE S		SE		PO BOX 3546 Code	Con	intry (Non-US)			
3200 6TH AVE S  City/County/State/Zip Code	le) a. [X] An Enti		City/State/Zip	PO BOX 3546  Code A / 98124	Con Federal facility	d.[]GOCO			
3200 6TH AVE S  City/County/State/Zip Code SEATTLE / King / WA / 98134  This report contains information for :	a. [X] An Enti	ire facility	City/State/Zip CATTLE / W. b. [] Part of a fa	PO BOX 3546  Code A / 98124	Federal facility				
3200 6TH AVE S  City/County/State/Zip Code SEATTLE / King / WA / 98134  4.2 This report contains information for : (Important; check a or b; check c or d if applicable)	(e)	own	City/State/Zip CATTLE / W. b. [] Part of a fa Email (b) (6)	PO BOX 3546  Code A / 98124  acility c. [] A	Federal facility  Telephone Number  20662  Telephone Number	d. [] GOCO			
3200 6TH AVE S  City/County/State/Zip Code SEATTLE / King / WA / 98134  4.2 This report contains information for: (Important: check a or b; check c or d if applicabl  4.3 Technical Contact name	JAMES BRO	own	City/State/Zip EATTLE / W. b. [] Part of a fa  Email (b) (6)	PO BOX 3546  Code A / 98124  acility c. [] A  Address	Federal facility  Telephone Number  20662  Telephone Number	d. [] GOCO (include area code) 35800 (include area code)			
3200 6TH AVE S  City/County/State/Zip Code SEATTLE / King / WA / 98134  4.2 This report contains information for : (Important: check a or b; check c or d if applicabl  4.3 Technical Contact name  4.4 Public Contact name	JAMES BRO  JAMES BRO  a. 332996 (Primary)  Dun and	OWN	City/State/Zip EATTLE / W. b. [] Part of a fa  Email (b) (6)  Email (b) (6)	PO BOX 3546  Code A / 98124  acility c. [] A  Address  Address	Federal facility  Telephone Number  20662  Telephone Number  20662	d. [] GOCO (include area code) 35800 (include area code) 35800			
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### **EPA FORM R**

TRI Facility ID Number

### 98134LSKNC32006

	PART II. CHEMICAL - SPECIFIC INFORMATION  Toxic Chemical, Category or Generic N						ıme										
		Chromium Compounds (except for chromite o mined in the Transvaal Reg									mite ore						
SECTIO	SECTION 1. TOXIC CHEMICAL IDENTITY (Important DO NOT complete this section if you completed Section 2 below.)																
1.1		CA	S Numb	er (Imp	ortant: E	nter onl	y one nu	ımber ex	xactly as	it appears o	n the Section	313 list. Er	iter category	code if repor	rting a chemi	cal category.	.)
1.1											1090						
1.2		Toxic Chemical or Chemical Category Name (Important: Enter only one name exactly as it appears on the Section 313 list.)															
1.2		Chromium Compounds (except for chromite ore mined in the Transvaal Reg															
1.3			Generi	c Chemi	ical Nam	ie (Impo	ortant: Co	omplete	only if	Part I, Section	on 2.1 is chec	ked "yes". C	Generic Name	must be str	ucturally des	criptive).	
											NA						
1.4	(1)	Distribution of Each Member of the Dioxin and Dioxin-like Compounds Category.  (If there are any numbers in boxes 1-17, then every field must be filled in with either 0 or some number between 0.01 and 100. Distribution should be reported in percentages and the total should equal 100%. If you do not have speciation data available, indicate NA.)								orted in							
	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17
NA[]																	
	1 10 10					<u></u>	<u> </u>	2011		<u></u>	<u> </u>			<u>L</u>	<u> </u>	<u> </u>	
SECTIO	N 2. MI	XTURE									ction if you co				and nunctu	ation )	·
2.1						Tune 1.	771000	y oupp.	101 (1111)			Haracters,	Munice and	Ocia, spaces,	, and panera	mon.,	· · · · · · · · · · · · · · · · · · ·
					OF THI	E TOXI	C CHEN	ЛСAL 1	AT THE	E FACILITY	NA .				······································	<del></del>	
3.1	Ī	nt: Check all that apply.)  Manufacture the toxic chemical:  3.2 Process the toxic chemical:  3.3 Otherwise use the toxic chemical:							cal:								
		a. [] Produce b. [] Import															
	If produce or import: c. [] For on-site use/processing d. [] For sale/distribution e. [] As a byproduct f. [] As an impurity							a. [] As a reactant b. [] As a formulation component c. [X] As an article component d. [] Repackaging e. [] As an impurity  a. [] As a chemical processing c. [] As a manufacturing a c. [] Ancillary or other use					d				
	N 4. M	AXIMU	м амс	O TAUC	F THE	LOXIC.	CHEMI	CAL O	NSITE A	AT ANY TIN	ME DURING	THE CAL	ENDAR YEA	AR .			
4.1	17.5.01		** OF T	******							ode from inst				<del>,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,</del>		
SECTIO	νΝ 5.QU	ANTII	Y OF 11	HE TOX	ПС СНЕ	MICAL	ENTER	RINGE			ENTAL MED			CD://		<del></del>	<del></del>
	·							A. Total Release (pounds/year*)  (Enter range code or estimate**)  B. Basis of Estimate (enter code)  C.				% From Stor	mwater				
5.1	Fugitiv air emi	e or non	1-point		<del></del>	1	NA []	В									
5.2	air emi					1	NA []			A			C	)			
5.3				g stream: e name p													
				ter Body	·					and the purchase that books a	Passa Series			Series March Mens		2505.37 0.7235.3	I ALGERICATION IN SA
5.3.1	1 NA																

EPA Form 9350-1 (Rev. 01/2008) - Previous editions are obsolete.

\*For Dioxin and Dioxin-like Compounds, report in grams/year \*\*Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

# EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

### 98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg

SECTIO	CTION 5. QUANTITY OF THE TOXIC CHEMICAL ENTERING EACH ENVIRONMENTAL MEDIUM ONSITE (Continued)										
		NA	A. Total Release (pounds	/year*) (en	ter range code** or estimate)		B. Basis of Estimate (enter code)				
	Underground Injection onsite to Class I wells	[X]	X]								
5.4.2	Underground Injection onsite to Class II-V wells	[X]									
5.5	Disposal to land onsite										
5.5.1.A	RCRA subtitle C landfills	[X]									
5.5.1.B	Other landfills	[X]									
5.5.2	Land treatment/application farming	[X]									
5.5.3A	RCRA Subtitle C surface impoundments	[ X ]									
5.5.3B	Other surface impoundments	[ X ]									
5.5.4	Other disposal										
	N 6. TRANSFERS OF THE TOXIC			LOCATIO	NS						
	CHARGES TO PUBLICLY OWNER	~~~~~~~~~				<del></del>					
***************************************	otal Quantity Transferred to POTWs	and Basis	or Estimate	т	61A2D	osis of Es	4insaka				
	Total Transfers (pounds/year*) nge code** or estimate)		6.1.A.2 Basis of Estimate (enter code)								
<u>(</u>	A		M1								
	6.1. 1 WEST POINT TREATMENT PLANT POTW Name										
	POTW Address 1400 UTAH AVE										
City	SEATTLE	State	WA	County	King	Zip	98199				

\*For Dioxin and Dioxin-like Compounds, report in grams/year
\*\*Range Codes: A=1-10 pounds; B=11-499 pounds; C=500-999 pounds.

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# EPA FORM R PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

### 98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg

							mmed in the 1 ran	svaai keg			
SECTION	N 6.2 TRANSFER	S TO OTHER OF	F-SITE I	LOCATIO	ONS						
	6.2.1 O	ff-Site EPA Ident	ification	Number (	RCRA ID No.)				WAD991281767		
		Off-Site L	ocation 1	lame			BURLINGTON ENVIRONMENTAL INC				
		Off-Si	te Addres	SS		20245 77TH AVENUE SOUTH					
City	KEN	٧T	State	WA	County	Kir	ng	Zip	980321362	Country (Non-US)	
Is location under control of reporting facility or parent company?									[] Yes [X]	No	
		nsfers (pounds/ye code** or estima				s of Estimate ter code)			Type of Waste Treatment/D cling/Energy Recovery (en		
	1	. В			1	. C			1 . M93		
	6.2.2 O	ff-Site EPA Ident	ification	Number (	RCRA ID No.)				ORD981766124		
		Off-Site L	ocation N	Vame				SAFETY	/-KLEEN SYSTEMS (	714801)	
		Off-Si	te Addres	ss				16540 S	OUTHEAST 130TH ST	TREET	
City	CLACK	AMAS	MAS State OR County Clacks						970158944	Country (Non-US)	
Is location under control of reporting facility or parent company? [] Yes [X] No											
		nsfers (pounds/ye e code** or estima				is of Estimate ster code)	C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)				
	1	. A			1	. O	1 . <b>M26</b>				
	6.2.3 O	off-Site EPA Ident	ification	Number (	RCRA ID No.)		AZD980735500				
		Off-Site L	ocation l	Name			WORLD RESOURCES CO				
		Off-Si	ite Addres	SS			8113 WEST SHERMAN STREET				
City	TOLLE	ESON State AZ County					copa	Zip	853533300	Country (Non-US)	
Is location under control of reporting facility or parent company?							[]Yes[X]	No			
A. Total Transfers (pounds/year*)  B. Basis of Estimat  (enter range code** or estimate)  (enter code)							C. Type of Waste Treatment/Disposal/ Recycling/Energy Recovery (enter code)				
1 · <b>4526</b> 1 · C									1 . <b>M24</b>		
			SEC	ΓΙΟΝ 7A.	ONSITE WAST	E TREATMENT	METHODS ANI	) EFFICIE	NCY		
	[X] Not Ap	plicable (NA) - C	heck here	if no on-	site waste treatme	ent is applied to ar	ny waste stream c	ontaining	the toxic chemical or chemi	ical category.	
[X] Not Applicable (NA) - Check here if no on-site waste treatment is applied to any was  a. General  Waste Stream  b. Waste Treatment Method(s) Sequence  [enter 3-character code(s)]								d. Waste Treatment  Efficiency			

\*For Dioxin and Dioxin-like Compounds, report in grams/year

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EPA FORM R
PART II. CHEMICAL - SPECIFIC INFORMATION (CONTINUED)

TRI Facility ID Number

#### 98134LSKNC32006

Toxic Chemical, Category or Generic Name

Chromium Compounds (except for chromite ore mined in the Transvaal Reg

### SECTION 7B. ON-SITE ENERGY RECOVERY PROCESSES

[X] Not Applicable (NA) - Check here if no on-site energy recovery is applied to any waste stream containing the toxic chemical or chemical category.

Energy Recovery Methods [enter 3-character code(s)]

### SECTION 7C. ON-SITE RECYCLING PROCESSES

[ X ] Not Applicable (NA) - Check here if no on-site recycling is applied to any waste

stream containing the toxic chemical or chemical category.

Recycling Methods [enter 3-character code(s)]

	N 8. SOURCE REDUCTION AND RECYCLING ACTIVITIES	Column A Prior Yea (pounds/yea	r	Column B Current Reporting Yea (pounds/year*)	Column C Following Year (pounds/year*)	Column D Second Following Year (pounds/year*)	
8.1							
8.1a	Total on-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	NA		NA	NA	NA	
	Total other on-site disposal or other releases	255		255	255	255	
8.1c	Total off-site disposal to Class I Underground Injection Wells, RCRA Subtitle C landfills, and other landfills	0		0	0	0	
	Total other off-site disposal or other releases	505		5	5	5	
8.2	Quantity used for energy recovery onsite	NA		NA	NA	NA	
8.3	Quantity used for energy recovery offsite	NA		NA	NA	NA	
8.4	Quantity recycled onsite	NA	NA NA		NA	NA	
8.5	Quantity recycled offsite	4411		4781	2406	255	
8.6	Quantity treated onsite	NA	NA		NA	NA	
8.7	Quantity treated offsite	NA		NA	NA	NA	
8.8	Quantity released to the environment as a result of remedial actions, catastrophic events, or one-time events not associated with production p	processes (pounds/	/ear)		NA		
8.9	Production ratio or activity index 0.59						
8.10	Did your facility engage in any source re enter "NA" in	eduction activities to Section 8.10.1 an	for this che d answer S	mical during the reporti ection 8.11.	ng year? If not,		
	Source Reduction Activities [enter code(s)]	Methods to Ide	ntify Activity (ente	r codes)			
8.10. 1	W19		T01		T03	T04	
8.10. 2	W29		T01		Т03	T04	
8.10. 3	W39		T01		T03	T04	
8.11	If you wish to submit additional optional information on source reduct check "Yes."	ion, recycling, or p	ollution co	ntrol activities,	Ye	s[]	

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\*For Dioxin and Dioxin-like Compounds, report in grams/year

1 2 3 4 5 Additional Info
TRI Facility ID Number
98134LSKNC32006
Toxic Chemical, Category or Generic Name
Chromium Compounds (except for chromite ore mined in the Transvaal Reg

Additional optional information on source reduction, recycling, or pollution control activities.